



Sep 16-11:02 AM

3.4b Other rates of change

I II

Which model best illustrates tree growth if we assume the same amount of new growth each year?

Sep 20-5:53 PM

Ex 6 p 133 Sensitivity to change in genetics

- $p$  = proportion of a dominant gene in a population
- $1-p$  = proportion of the recessive gene
- $y$  = proportion of dominant gene in the next generation

$$y = 2p - p^2$$

Compare the graphs of  $y$  and  $dy/dp$  to determine what values of  $y$  are more sensitive to a change in  $p$

Sep 20-6:14 PM

Derivatives in economics

derivative = "marginal"

Ex 7 p 134 Marginal cost and marginal revenue

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